

Date: -22/12/2021

To,
The Director,
Ministry of Environment and forest
Regional office (Western Region),
Kendriya Paryavaran Bhavan,
Link Road No: 3
E-S Ravishankar Nagar,
Bhopal -462016(M.P)

Sub: - Half Yearly Status Report (MOEF) Apr-21 to Sep-21 of Welspun Captive Power Generation Ltd (1x80 Mw Power Plant) PCB ID: - 38912

Dear Sir,

With Reference to the above subject & condition mention in Environment clearance, we are submitting half yearly (Apr-21 to Sep-21) status report of Welspun Captive Power Generation Ltd (1X80 Mw Power Plant)

We Hope you will find the same in order.

Thanking you, assuring you best attention all times.

Yours Faithfully,

For **Welspun Captive Power Generation Ltd**
(1X80 Mw Cpp)



Authorized Signatory



Encl: - 1.Copy of above referred Environment clearance
2. Copy of Consolidated Consent & Authorization

Copy to,

The Member Secretary
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10-A
Gandhinagar, Gujarat.


Ahmad
Tawseer

	Name & Address	M/s Welspun Captive Power Generation Ltd. Village: Versamedi District Kutch, Gujarat	
	Product Name with Company	1X80 MW Captive Power Plant	
	MOEF EC Letter No. & Date	J-13011/17/2007-IA.II(T) December, 2011	
	EC Validity	5 Years to the start of production operation	
A	Specific Conditions	Status	Remarks
1	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission from the proposed plant does not exceed 50µg/Nm ³ .	We installed ESP. and conduct regular monitoring internal and NABL approved third party and maintain result as per norms well below then 50µg/Nm ³	Complied with the EC condition Stack Monitoring Report is attached as anexure 5(A)
2	Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	We have installed separate bag filters at Coal handling and ash handling system we have installed water sprinklers at all coal conveyours junction point connected with our DCS instead of this we install HVS system at our coal handling yard periphery	Complied with the EC condition
3	A stack of 110 m height shall be provided with continuous online monitoring equipments for SO _x , NO _x and Particulate Matter. Exit velocity of flue gases shall not be less than 15 m/sec. Imported coal with ash content and sulphur content not exceeding 6 % and 1% respectively and lignite with ash content and sulphur content not exceeding 15.5 % and 2.2 % respectively shall be used in the ratio of 70:30.	Stack height is 110 mtr. and Continious Online Monitoring Equipment is Installed connected with CPCB server . And as per norms we maintain Velocity of flue gases	Complied with the EC condition Stack Monitoring Report anexure- 5(A) and Coal analysis report is attached as anexure- 4
4	Ash shall be collected in dry form and its 100% utilization shall be ensured from day one of the commissioning of the plant.	We Collect/stack our 100% fly ash in dry form in closed concrete ash silo and through ash silo with proper ash handling procedure and ash handling transportation guideline we send it to nearby cement industries .	Monthly Fly ash Generation and Disposal Record is Attached in Annexure-8
5	Mercury and other heavy' metals (As,Hg, Cr, Pb etc.) shall be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	We are Checking & monitoring all the heavy' metals in the bottom ash. In our plant premisses there is no Ash pond exists & the ash is collect in closed concrete ash Silo.	Complied with the EC condition
6	Ash pond shall be lined with HDPE/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	As per our CCA , we do not have any Ash Pond in Our Premisses	Complied with the EC condition
7	Water requirement shall not exceed 2240 m ³ /day. Air cooled condensers shall be installed. Treated effluent conforming to the prescribed standards shall be re-circulated and reused in the plant. The effluent shall be discharged outside the plant boundary.	The treated ETP water is used for tree plantation and dust seperation, and no effluent discharge outside the plant boundary.	Monthly water Generation Record is attached in Annexure-8
8	Closed circuit cooling system with cooling tower shall be provided.	We Have already installed Cooling Towers in our Plant	Complied with the EC condition

8	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/noise less areas.	We conduct Regular monitoring of noise in the work zone and provide proper personal protective equipment to all workers. And also we conduct audiometric examined to all workers and employee.	Noise Monitoring Report is Attached as Annexure-5 B
9	Regular monitoring of ground level concentration of SO ₂ , NO _x , PM _{2.5} & PM ₁₀ and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with CPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Ambient Air Monitoring & NAAQM Report carried out by NABL approved third party and concentration level found well within norms.	Attached Annexure-5 B & 5C
10	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	We provide all facilities to our labour	
11	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Complied	Copy of advertisement of local news paper is attached as Annexure-6
12	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied	
13	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the Head of the Organization. The status report on the functioning of the Cell shall be submitted to the Regional office of the Ministry periodically. The Cell shall comprise of an expert in Marine Biology, Fishery and Mangroves preservation.	We have Well equipped Environmental cell in our organization.	Complied with the EC condition
14	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM (PM _{2.5} & PM ₁₀), SO ₂ , NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	As per guideline we maintain and follow instruction.	



BY SPEED POST

J-13011/17/2007-IA.II (T)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: December, 2011

To

M/s Welspun Captive Power Generation Limited
Welspun City, Village Varsamedi,
Taluk Anjar, District Kutch, Gujarat- 370 110

Fax: 02836 279060

E-mail: welspun_delhi@welspun.com

Sub: 1x80 MW Captive Thermal Power Plant within existing M/s Welspun Captive Power Generation Limited at Sy. No. 671 & 672, Village Varsamedi, Taluk Anjar, in Kutch District, in Gujarat - regarding environmental clearance

Sir,

This has reference of this Ministry's letter of even no. dated 14.08.2007 and your subsequent communication dated 23.09.2010, 20.10.2010, 22.08.2011 and 22.09.2011 requesting the Ministry to split the environmental clearance of 123 MW into 43 MW and 1x80 MW separately.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the single module of 80 MW power plant instead of 2x40 MW power plant will be operated by M/s Welspun Captive Power Generation Limited an SPV formed to supply electricity to other group companies. Land area required for the project is 25 acres of which green belt will be developed in an area of 9 acres. The fuel will be used as imported coal and lignite in the ratio of 70:30. The imported coal requirement and lignite coal requirement will be 1120 MT/day and 280 MT/day respectively. The coal will be imported through Kandla or Mundra ports and lignite will be obtained from Panandhro Lignite Mines at a distance of 60 km from the plant. The imported coal will have a sulphur content of 1% and ash content of up to 6%. The lignite will have sulphur content 1% and ash content of 15.5 %. The ash generated will be 110 MT/day which will be used in the brick manufacturing unit of the company and will be partly sold to the nearby brick and cement manufacturing units. It is proposed to install a single stack of 110 m. Water requirement of 2240m³/day will be met from the Gujarat Water Infrastructure Limited for which permission has been obtained. It is proposed to install air cooled condensers. No National Park / Wildlife Sanctuary or any other eco-sensitive area is located within 10 km radius of the project. Public hearing for the project was held on 8.03.2007.

3. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of the EIA Notification, 2006 subject to stipulation of the following Specific and General conditions:

A. Specific Conditions:

(i) High efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission from the proposed plant does not exceed 50µg/Nm³.

- (ii) Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.
- (iii) A stack of 110 m height shall be provided with continuous online monitoring equipments for SO_x, NO_x and Particulate Matter. Exit velocity of flue gases shall not be less than 15 m/sec. Imported coal with ash content and sulphur content not exceeding 6 % and 1% respectively and lignite with ash content and sulphur content not exceeding 15.5 % and 2.2 % respectively shall be used in the ratio of 70:30.
- (iv) Ash shall be collected in dry form and its 100% utilization shall be ensured from day one of the commissioning of the plant.
- (v) Mercury and other heavy metals (As, Hg, Cr, Pb etc.) shall be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.
- (vi) Ash pond shall be lined with HDPE/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.
- (vii) Water requirement shall not exceed 2240 m³/day. Air cooled condensers shall be installed. Treated effluent conforming to the prescribed standards shall be re-circulated and reused in the plant. No effluent shall be discharged outside the plant boundary.
- (viii) Closed circuit cooling system with cooling tower shall be provided.
- (ix) A well designed rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan and road map for implementation shall be submitted to the Regional Office of Ministry.
- (x) Green Belt shall be raised in 9 acres of plant area. Tree density shall not less than 2500 per ha with survival rate not less than 80 %.

A. General Conditions:

- (i) A Corporate Environmental Policy shall be formulated and after due approval of the Board of Directors of the Company shall be submitted to the Ministry within six months. The policy shall specifically address issues of adherence to environmental policy so formulated and environmental clearance conditions stipulated for the power project and also others including matters related to violations of stipulated conditions (if any) to the Board.
- (ii) A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising green belt/vegetation.
- (iii) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.
- (iv) Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in

the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.

- (v) Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg,Cr,As,Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.
- (vi) Monitoring surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.
- (vii) First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
- (viii) Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/noise less areas.
- (ix) Regular monitoring of ground level concentration of SO₂, NO_x, PM_{2.5} & PM₁₀ and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.
- (x) Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (xi) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.
- (xii) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xiii) An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of

the Cell shall directly report to the Head of the Organization. The status report on the functioning of the Cell shall be submitted to the Regional office of the Ministry periodically. The Cell shall comprise of an expert in Marine Biology, Fishery and Mangroves preservation.

- (xiv) The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM (PM_{2.5} & PM₁₀), SO₂, NO_x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.
- (xv) The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.
- (xvi) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.
- (xvii) Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their reference during monitoring. Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the main gate of the power plant.
- (xviii) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
- (xix) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.
- (xx) Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bhopal / CPCB/ SPCB who would be monitoring the compliance of environmental status.

4. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.

5. The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.
6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
7. In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1986, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.

Yours faithfully,

(Dr. P.L. Ahujarai)
Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Gujarat.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10-A, Gandhi Nagar- 382010- with a request to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Ravishankar Nagar, Bhopal - 462016.
7. The District Collector, Kutch District, Govt. of Gujarat.
8. Guard file.

(Dr. P.L. Ahujarai)
Director



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.F.A.D.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 5(4) of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules-2008, framed under the Environmental (Protection) Act-1986. The board has granted the consent order no. AWH-39085 vide No. PC/CCA-KUTCH-1107 /ID-38912/147683 dated 21/05/2013.

And whereas Board has received application letter No. 90144 dated 29/11/2017 for the **Renewal Consolidated Consent and Authorization (CC&A)** of this Board under the provisions / rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To
Welspun Captive Power Generation Ltd,

Survey No:- 671,672

Vill:- Varshamedi,

Tal:- Anjar Dist:- Kutch

1. Consent Order No.AWH-90144 Date of Issue: 29/11/2017.

2. The consent shall be valid up to 28/11/2022 for manufacture of the following Products:

SR. NO.	PRODUCT	QUANTITY
1.	Electricity Generation	80.00 MW

1. SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

- 1.1 You shall have to comply with all the conditions mentioned in the letter no - J-13011/17/2017-IA-II(T) Dated 14th August 2007 and amended on dated 25th January 2012.
- 1.2 You shall install bag filter at the transfer point, coal conveyer crusher and screening area to control dust emission.
- 1.3 You shall have to comply with the Fly Ash Notification.
- 1.4 You shall provide centralize dusting facility as well as enclosed system to belt conveyer to control fugitive emission in the premises.
- 1.5 No ground water shall be used for the project coming under dark zone without permission of competent authority.

Clean Gujarat Green Gujarat

2. CONDITIONS UNDER WATER ACT 1974:

- 2.1 The generation of industrial effluent from manufacturing process & other ancillary industrial operations shall not exceed of 365.00 KL/day.
- 2.2 The quantity of the domestic wastewater (Sewage) shall not exceed 6.00 KL/day.
- 2.3 The quality of generated industrial waste water shall conform to the following standards:

Waste Water Generated From	Parameter	Permissible Limit
Condensate Cooling Water	pH	6.5 to 8.5
	Free available Chlorine	05mg/l
Boiler Blow Down	Suspended Solids	100 mg/l
	Oil & Grease	10 mg/l
	Total Copper (as Cu)	1.0 mg/l
Ash Pond Effluent	pH	6.5 to 8.5
	Suspended Solids	100 mg/l
	Oil & Grease	20 mg/l

All efforts shall be made to remove colour & unpleasant odour as far as practicable.

- 2.4 The effluent treated in Effluent Treatment Plant within plant premises conforming to the above standards shall be partially utilized for gardening and partially utilized in dust suppression within plant premises of the industry.

3. CONDITIONS UNDER AIR ACT 1981:

- 3.1 The following shall be used as fuel in the boiler/ Heater respectively.

Sr. no.	Name of Fuel	Quantity
1.	Lignite and Imported Coal	280 MT/day 1120 MT/day

- 3.2 The applicant shall install & operate air pollution control system in order to achieve flue gas emission norms as prescribed below.

Sr. no.	Stack attached to	Stack height in Meters	Air Pollution Control System	Parameter	Permissible limit
1.	Boiler	110M/r	Electrostatic Precipitator	PM	50 mg/Nm ³
				SO ₂	600 mg/Nm ³
				NO _x	300 mg/Nm ³
				Mercury (Hg)	0.03 mg/Nm ³

- 3.3 The process gas emission through various stacks / vents of reactors, process vessel shall conform to the following standards:

Handwritten signature

Sr. No.	Stack attached to	Stack height in Meters	Air Pollution Control System	Parameter	Permissible limit
1.	Crusher Coal Plant	30 Meter	Bag House and Dust Collector	PM	150 mg/Nm ³

5.4 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Standards issued by Ministry of Environment and Forest dated 16th November-2009.

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/M ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM _{2.5}	Annual 24 Hours	40 60

3.4 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted / displayed to facilitate identification.

3.5 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:

Between 6 A.M. to 10 P.M.: 75 dB (A)

Between 10 P.M. to 6 A.M.: 70 dB (A)

6. Authorization under Hazardous Waste [Management, Handling & Transboundary Movement] Rules, 2008 & amended.

6.1 Authorization Number: AWH-90144 and shall valid up to 28/11/2022

6 Welspun Captive Power Generation Ltd, is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Survey No:- 671, 672, Vill:- Varshamedi, Tal:- Anjar Dist:- Kutch

Sr. No.	Waste	Quantity per Annum	Category	Facility
1.	Used Oil	0.500 MT.	5.1	Collection, storage, and disposal by selling to registered recyclers.
2.	Waste Residue Containing Oil	0.500 MT	5.5	Collection, storage, and disposal by selling to authorized common Facility
3.	Discarded Containers	20.00MT	33.3	Collection, storage, and disposal by selling to authorized vendor
4.	Spent Ion Exchange	1.27	34.2	Collection, storage, and disposal by selling to authorized common Facility

Amber

6.1 The authorization is granted to operate a facility for collection, storage, within factory premises, transportation, and ultimate disposal of Hazardous wastes by selling out to registered recyclers.

6.2 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

6.3 TERMS AND CONDITIONS OF AUTHORISATION:

- a) The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- b) The authorisation shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- c) The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) It shall constitute a breach of authorisation when authorized person does change in personnel, equipment or working conditions.
- e) It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorisation shall be made as laid down in rule 5 (6) (ii).
- g) Industry shall submit annual report within 15 days and subsequent by 31st January every year.

7. GENERAL CONDITION:

- 7.1 Unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within premises, the unit shall tie up with local agencies like gram panchayat, school, social forestry office etc. for the plantation at suitable open land in nearby locality and submit an action plan of plantation for next three years to GPCB.
- 7.2 Adequate plantation shall be carried out all along the periphery of the industrial premises and green belt of 10 meters width is developed.
- 7.3 The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water (Prevention and Control of Pollution) Cess Act- 1977.
- 7.4 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
- 7.5 The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water (Prevention and Control of



Pollution) Act-1974, the Air (Prevention and Control of Pollution) Act-1981 and the Environment (Protection) Act-1986.

- 7.6 The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation hoods, silencers, enclosures etc on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under the Environment (Protection) Act, 1986 & Rules.
- 7.7 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
- 7.8 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.
- 7.9 Applicant shall have to comply with all the guidelines / Directive issued / being issued by MoEF&CC / CPCB / DoEF from time to time.
- 7.10 Applicant shall not use/withdraw ground water either during construction and /or operation phase.
- 7.11 Environmental cell shall be setup and shall be responsible for the total Environmental management.
- 7.12 Monitoring in respect to Air, Water, Noise level shall be carried out and results shall be submitted to this Board on quarterly basis.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(P.J. Vachhani)
Senior Environment Engineer

NO: PC/ CCA- KUTCH- 1107 [3]/GPCB ID – 38912/

Date:

ISSUED TO:
Welspun Captive Power Generation Ltd,
Plot No/ Survey No:- 671,672
Vill:- Varshamedi,
Tal:- Anjar Dist:- Kutch -370211

List of Annexure

Sr. No.	Description
1	EHS Policy
2	Fire Plan Layout
3	Details of Water Consumption & Waste Water Generation
4	Analysis Report of Imported Coal & Lignite
5	Environmental Monitoring Analysis Reports
	A. Stack Monitoring
	B. Ambient Air Quality Monitoring
	C. National Ambient Air Quality Monitoring
	D. Noise Monitoring
6	Copy of Advertisement in Local News Paper
7	LDO Storage approval
8	Quantity of Ash Generation & Utilization
9	Layout of Plant with Green Belt

ANNEXURE-01

EHS POLICY

OCCUPATIONAL HEALTH, SAFETY & ENVIRONMENT POLICY

WELSPUN CORP LTD. aims to maintain its Leadership position by embedding the highest Standards of Occupational Health, Safety and Environment Management into everything it does and this policy is deployed throughout our organization using a risk-based approach.

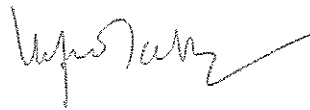
We are committed to:

- Adherence to the compliance obligations and all other applicable regulations & requirements those are relevant to our organization.
- Prevent Environmental pollution across the life cycle of all our activities, products, and services.
- Prevent Occupational hazards, ill-health and injury at our work place.
- Implementation of environment friendly measures in our scope of work.
- Usage of sustainable resources.
- Reduce - Reuse and Recycle (R-R-R) of waste.
- Build awareness of employees at all levels.
- Provide and maintain safe, healthy and environment friendly work places for employees and other stakeholders in all operating processes.

In line with this Policy, WELSPUN CORP LTD. establishes Occupational Health, Safety and Environment Objectives for each process, which are appropriate and supporting the purpose, context and strategic direction of the Organization..

We shall:

- Communicate and practice this policy extensively throughout our global operations within the organization.
- Use this policy for regularly setting, measuring and revising our Occupational Health, Safety and Environment objectives at the appropriate levels, functions and processes.
- Recognize the importance of promoting and implementing this policy effectively throughout our entire Supply Chain, from our Suppliers to our Customers, to ensure the proper and efficient use of our products in accordance with agreed specifications.
- Make this policy available to all the relevant stakeholders.
- Undertake to keep this policy reviewed and updated to ensure that it remains relevant to the context of our diverse business operations.



VIPUL MATHUR

(Occupier cum Managing Director and CEO)

Date: 17.07.2018



WELSPUN CORP
PIPES AND FLANGES

व्यावसायिक स्वास्थ्य, सुरक्षा एवं पर्यावरण नीति

वेलस्पन कॉर्प लिमिटेड का उद्देश्य अपने हर काल में व्यावसायिक स्वास्थ्य, सुरक्षा एवं पर्यावरण प्रबंधन के उच्चतम मानकों को अपनाकर अपनी नेतृत्वकारी स्थिति को बरकरार रखना है। इस नीति को पूरे संस्थान में लागू किया गया है और इसमें जांचित-आधारित दृष्टिकोण अपनाया गया है।

हम प्रतिबद्ध हैं :

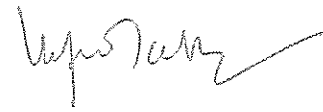
- अनुपालन उत्तरदायित्वों एवं अन्य सभी लागू नियमों एवं जरूरतों का पालन करने के लिये जोकि हमारे संस्थान के लिए प्रासंगिक है।
- हमारी सभी गतिविधियों, उत्पादों और सेवाओं के जीवनचक्र में पर्यावरणीय प्रदूषण को रोकने के लिये।
- हमारे कार्यस्थल पर व्यावसायिक खतरों, खराब स्वास्थ्य और घांटों को रोकने के लिये।
- हमारे कार्य के क्षेत्र में पर्यावरण हितैषी उपायों का क्रियान्वयन करने के लिये।
- स्थायी संसाधनों का उपयोग करने के लिये।
- अपशिष्ट का कम करने, उसका पुनःउपयोग और पुनःचक्रण करने (रिड्यूस-रियूज-रिजाइकल यानी आर-आर-आर) के लिये
- सभी स्तरों पर कर्मचारियों को जागरूक बनाने के लिये।
- कर्मचारियों एवं सभी परिचालन प्रक्रियाओं में चलाने अन्य हितधारकों के लिए सुरक्षित, स्वस्थ एवं पर्यावरण हितैषी कार्यस्थल उपलब्ध कराने एवं उन्हें बरकरार रखने के लिये।

इस नीति के अनुसूच, वेलस्पन कॉर्प लिमिटेड ने प्रत्येक प्रक्रिया के लिए व्यावसायिक स्वास्थ्य, सुरक्षा एवं पर्यावरणीय उद्देश्यों को स्थापित किया है, जोकि विस्तृत उचित हैं एवं संस्थान के उद्देश्य, संदर्भ और रणनीतिक निर्देशक का समर्थन करते हैं...

हम करेंगे :

- संस्थान में हमारे वैश्विक परिचालनों में इस नीति को व्यापकता से संचारित करना एवं इसे अमल में लाना।
- हमारे व्यावसायिक स्वास्थ्य, सुरक्षा एवं पर्यावरण उद्देश्यों को उचित स्तरों, कार्यों एवं प्रक्रियाओं में नियमित तौर पर स्थापित करने, इनका मापने और संचालन करने के लिए इस नीति का उपयोग करना।
- इस नीति का हमारी सभी आपूर्ति श्रृंखला यानी हमारे सप्लायर्स से लेकर ग्राहकों तक में, प्रभावी ढंग से प्रचारित एवं क्रियान्वित करने के महत्व को पहचानना ताकि सहमत विशिष्टताओं के सुतायिक हमारे उत्पादों का उचित एवं प्रभावी उपयोग सुनिश्चित हो सके।
- इस नीति को सभी प्रासंगिक हितधारकों को उपलब्ध कराना।
- इस नीति को समीक्षा करते रहना और इसे अपडेट करना ताकि सुनिश्चित हो कि यह हमारे विनिर्धारित व्यावसायिक परिचालन के संदर्भ में विस्तृत प्रासंगिक है।

तारीख: 17.07.2018



विपुल माथुर

(ऑपरेशंस सह प्रबंध निदेशक एवं सीईओ)



WELSPUN CORP
FIBRE AND PLATES

વ્યવસાયી આરોગ્ય, સુરક્ષા અને પર્યાવરણ નીતિ

કેલરખન ડોર્ષ ડિ.નું લક્ષ્ય તે જે પણ હશે તેમાં વ્યવસાયી આરોગ્ય, સુરક્ષા અને પર્યાવરણીય વ્યવસ્થાપનનાં સર્વોચ્ચ ધોરણોનું પાલન કરીને તેનું આયોજન સ્થાન જાળવી રાખવાનું છે અને આ નીતિ જોખમ આધારિત સ્થિતિઓનો ઉપયોગ કરીને અમારી સંપૂર્ણ સંસ્થામાં હાથ લગાવવામાં આવે છે.

અને હરિબલ્દ ધીમે :

- આવણી સંસ્થામાં સુસંગત અભિયુક્તા જવાબદારીઓ અને સર્વ અન્ય લાગુ નિયમન અને આવશ્યકતાઓનું પાલન.
- આવણી બધી પ્રવૃત્તિઓ, પ્રોડક્ટો અને સેવાઓના જીવનચક્રમાં પર્યાવરણ પ્રદૂષણ નિવારણ.
- આવણી કાર્યક્ષેત્રે વ્યવસાયી જોખમો, બીમારી અને ઉંજા નિવારણી.
- આવણી કાર્યની ક્ષિતિજમાં પર્યાવરણ અનુકૂળ પગલાંની અમલબજાવણી.
- સહાય સંસ્થાઓનો ઉપયોગ.
- કચરાનું સિક્કુચ- સિક્કુચ અને સિસાઈકલ (આર- આર- આર).
- સર્વ સ્તરે કર્મચારીઓમાં જાગૃતિ નિર્માણ કરવી.
- સર્વ સંસ્થાલન પ્રક્રિયાઓમાં કર્મચારીઓ અને અન્ય હિસ્સાધારકો માટે સુરક્ષિત, આરોગ્યવર્ધક અને પર્યાવરણ અનુકૂળ કાર્યસ્થાનો પૂરાં પાડવાં અને તેની જાળવણી.

આ નીતિની જેખામાં કેલરખન ડોર્ષ ડિ.એ સંસ્થાના હેતુ, પરિપ્રેક્ષ્ય અને વ્યૂહાત્મક દિશામાં યોગ્ય અને ઠેકો પાપતી હરેક પ્રક્રિયા માટે વ્યવસાયી આરોગ્ય, સુરક્ષા અને પર્યાવરણ હેતુઓ સ્થાપિત કરવા.

આવણે :

- સંસ્થામાં આવણી સંપૂર્ણ વૈચ્છિક કાર્યગીરીઓમાં આ નીતિનો વ્યાપક રીતે પ્રસાર કરીશું અને અમલમાં લાવીશું.
- આ નીતિ યોગ્ય સ્તર, કાર્યગીરીઓ અને પ્રક્રિયાઓમાં આવણી વ્યવસાયી આરોગ્ય, સુરક્ષા અને પર્યાવરણીય હેતુઓ નિયમિત રીતે સ્થાપવા, માનવ કરવા અને સુધારણા કરવા માટે ઉપયોગ કરીશું.
- સંમત સ્પર્ધા અનુસાર આવણી પ્રોડક્ટોનો યોગ્ય અને કાર્યક્ષમ ઉપયોગ કરવાની ખાતરી રાખવા માટે આવણી પુરવઠાકાર્યથી આવણી આઠકો સુધી આવણી સંપૂર્ણ પુરવઠા સુખલામાં અસરકારક રીતે આ નીતિને પ્રોત્સાહન આપવાના અને અમલ કરવાના પ્રયત્નને ઓળખવું.
- આ નીતિ અમા સુસંગત હિસ્સાધારકોને ઉપલબ્ધ કરવી.
- આ નીતિ આવણી વૈચ્છિકપૂર્ણ સંચાર કાર્યગીરીના પરિપ્રેક્ષ્યને સુસંગત રહે તેની ખાતરી રાખવા માટે તેની સમીક્ષા અને અપડેટ કરવા રહેવું.

વિપુલ ભાથુર

(ઓલ્ટ્રાપાયર કમ મેનેજિંગ ડાયરેક્ટર અને સીઈઓ)

તારીખ: ૧૭.૦૭.૨૦૧૮

ANNEXURE-02

Fire Layout of Plan

E) Waste Water Generation – 2020-21

Sr. No.	Month	Waste Water Generation (M ³)
1	April-2021	3258
2.	May-2021	2456
3.	June-2021	3620
4.	July-2021	2722
5	Aug-2021	2363
6	Sept-2021	2200
7		
8		
9		
10		
11		
12		
Total		16619

ANNEXURE-04

Analysis Report of Imported Coal

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836)663087

Date: 16.04.21

TEST REPORT

SAMPLE PARTICULARS

MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 11.04.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 11.04.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTMD 3302
ASTMD 3174
ASTMD 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
11.04.21	33.97	6.30	29.98	29.75	4117	0.20

Dave N.L.

PREPARED BY

[Signature]

CHECKED BY

[Signature]

AUTHORISED SIGNATORY

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836) 663087

Date: 17.05.21

TEST REPORT

SAMPLE PARTICULARS
MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 12.05.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 12.05.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTM D 3302
ASTM D 3174
ASTM D 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
12.05.21	34.13	5.25	32.36	28.26	4111	0.22


PREPARED BY


CHECKED BY


AUTHORISED SIGNATORY

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836) 663087

Date: 10.06.21

TEST REPORT

SAMPLE PARTICULARS
MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 05.06.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 05.06.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTM D 3302
ASTM D 3174
ASTM D 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
05.06.21	33.02	3.78	32.88	30.32	4165	0.28


PREPARED BY


CHECKED BY


AUTHORISED SIGNATORY

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836)663087

Date: 27.07.21

TEST REPORT

SAMPLE PARTICULARS

MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 22.07.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 22.07.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTM D 3302
ASTM D 3174
ASTM D 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
22.07.21	35.62	2.00	31.05	31.34	4123	0.18

Dave N.L.

PREPARED BY

[Signature]

CHECKED BY

[Signature]

AUTHORISED SIGNATORY

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836) 663087

Date: 23.08.21

TEST REPORT

SAMPLE PARTICULARS
MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 18.08.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 18.08.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTM D 3302
ASTM D 3174
ASTM D 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
18.08.21	34.94	3.38	31.12	30.55	4132	0.16

Danu N.L.

PREPARED BY

[Signature]

CHECKED BY

[Signature]

AUTHORISED SIGNATORY

Welspun Captive power generation. Ltd

SECTION: LABORATORY

SURVEY NO: 671 & 672, VILLAGE: VARSAMEDI, TA: ANJAR, DIST: KUTCH, PIN: 370 110, PH NO: (02836)663087

Date: 25.09.21

TEST REPORT

SAMPLE PARTICULARS
MATERIAL TO BE TESTED

: Coal

SAMPLE RECEIPT DATE

: 20.09.21

SAMPLE DESCRIPTION

: Imp. Coal sample (Mundra Port) collected from uncrushed Coal yard by unloading trucks on dated: 20.09.21

Parameter to be tested

: TM, Ash, VM, FC, GCV, S

TEST METHOD

: ASTM D 3302
ASTM D 3174
ASTM D 3175

Sample No.	TM	Ash	VM	FC	(GCV)	Sulfur (ADB)
	(%)	(%)	(%)	(%)	Kcal/Kg	(%)
20.09.21	31.10	6.03	31.35	31.53	4230	0.28


PREPARED BY


CHECKED BY


AUTHORISED SIGNATORY

ANNEXURE-05

Environmental Monitoring Analysis Reports

A. Stack Monitoring



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph.: +91 281 2360655 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 2052/04/2020-21

Date : 30/04/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

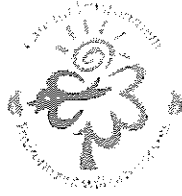
Sample Collected By : Royal Environment

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	14/04/2021
02.	Time of sampling	Hr.	10.20
03.	Stack Attached to	—	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	—	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	135
07.	Ambient Temperature	° C	31
08.	Average Velocity of Flue Gases	M/Sec.	8.6
09.	Isokinetic flow rate for P.M. Sampling	LPM	21
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	36
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	302
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	115
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.015

Instrument Used : Stack Monitoring Kit - Ecotech Make - ESS 100, Calibration Done On. : 13/10/2020

*Permissible Limit are as per GPCB CC&A,



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Ref. No. : 3052/05/2021-22

Date : 31/05/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	10/05/2021
02.	Time of sampling	Hr.	10.30
03.	Stack Attached to	---	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	133
07.	Ambient Temperature	° C	32
08.	Average Velocity of Flue Gases	M/Sec.	6.8
09.	Isokinetic flow rate for P.M. Sampling	LPM	20
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	38
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	311
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	110
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.011

Instrument Used : Stack Monitoring Kit - Ecotech Make - ESS 100, Calibration Done On. 13/10/2020

*Permissible Limit are as per GPCB CC&A,

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Ref. No. : 4052/06/2021-22

Date : 30/06/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	08/06/2021
02.	Time of sampling	l/r.	10.40
03.	Stack Attached to	---	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	135
07.	Ambient Temperature	° C	33
08.	Average Velocity of Flue Gases	M/Sec.	7.1
09.	Isokinetic flow rate for P.M. Sampling	LPM	21
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	36
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	304
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	118
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.015

Instrument Used : Stack Monitoring Kit - Ecotech Make - ESS 100, Calibration Done On. : 13/10/2020

*Permissible Limit are as per GPCB CC&A,

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Date : 31/07/2021

Ref. No. : 5052/07/2021-22

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	05/07/2021
02.	Time of sampling	Hr.	9.30
03.	Stack Attached to	---	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	135
07.	Ambient Temperature	° C	29
08.	Average Velocity of Flue Gases	M/Sec.	7.4
09.	Isokinetic flow rate for P.M. Sampling	LPM	19
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	32
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	308
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	114
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.013

Instrument Used : Stack Monitoring Kit - Ecotech Make - ESS 100, Calibration Done On : 13/10/2020

*Permissible Limit are as per GPCB CC&A,

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Ref. No. : 6052/08/2021-22

Date : 26/08/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	14/08/2021
02.	Time of sampling	Hr.	9.05
03.	Stack Attached to	---	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	132
07.	Ambient Temperature	° C	28
08.	Average Velocity of Flue Gases	M/Sec.	6.8
09.	Isokinetic flow rate for P.M. Sampling	LPM	20
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	36
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	313
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	108
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.011

Instrument Used : Stack Monitoring Kit - Ecotech Make - ESS 100, Calibration Done On. : 13/10/2020

*Permissible Limit are as per SPCB COBA.

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Ref. No. : 7052/09/2021-22

Date : 30/09/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

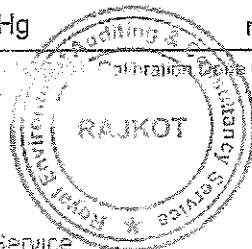
Sample Collected By Royal Environment

Test Method : As per S Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Results
01.	Date of sampling	---	15/09/2021
02.	Time of sampling	Hr.	10.00
03.	Stack Attached to	---	FBC Boiler (80 MW Power Plant)
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	132
06.	Stack Temperature	° C	125
07.	Ambient Temperature	° C	30
08.	Average Velocity of Flue Gases	M/Sec.	7.2
09.	Isokinetic flow rate for P.M. Sampling	LPM	21
10.	Gaseous Sampling Flow Rate	LPM	2.0
11.	Permissible Limit for P.M.*	mg/Nm ³	50
12.	Measured Concentration of P.M.	mg/Nm ³	39
13.	Permissible Limit for SO ₂ *	mg/Nm ³	600
14.	Measured Concentration of SO ₂	mg/Nm ³	317
15.	Permissible Limit for NO _x *	mg/Nm ³	300
16.	Measured Concentration of NO _x	mg/Nm ³	103
17.	Permissible Limit for Hg *	mg/Nm ³	0.03
18.	Measured Concentration of Hg	mg/Nm ³	0.017

Instrument Used : Stack Monitor for particulate matter Calibration Done On : 13/10/2020

*Permissible Limit are as per GPCB GUSA,



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ANNEXURE-05

Environmental Monitoring Analysis Reports

B. Ambient Air Monitoring



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Ref. No. : 2051/04/2020-21

Date : 30/04/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	---	Nr. DM Plant	Nr.TG House	Nr. Switch Yard
02.	Date of sampling	---	14/04/2021	14/04/2021	14/04/2021
03.	Time of sampling	Hr.	9.10	9.20	9.30
04.	Duration of sampling	Hrs.	24.00	24.00	24.00
05.	Dominant Wind Direction (From)	---	NE	NW	NE
06.	Average Wind Speed	Km/Hr.	3 to 13	3 to 13	3 to 13
07.	Average flow rate during sampling	m3/min.	1.10	1.10	1.20
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0.2
09.	Permissible Limits of PM.2.5 *	$\mu\text{g}/\text{m}^3$	60	60	60
10.	Measured Concentration of P.M.2.5	$\mu\text{g}/\text{m}^3$	35	33	38
11.	Permissible Limits of PM.10 *	$\mu\text{g}/\text{m}^3$	100	100	100
12.	Measured Concentration of PM.10	$\mu\text{g}/\text{m}^3$	56	52	55
13.	Permissible Limits of SO ₂ *	$\mu\text{g}/\text{m}^3$	80	80	80
14.	Measured Concentration of SO ₂	$\mu\text{g}/\text{m}^3$	15.3	17.3	18.3
15.	Permissible Limits of NO ₂ *	$\mu\text{g}/\text{m}^3$	80	80	80
16.	Measured Concentration of NO ₂	$\mu\text{g}/\text{m}^3$	23.1	21.5	24.8

Instrument Used: 1) Ecotech make RDS,APM - 217BL & Gaseous Sampler AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

*Permissible Limits are as per NAAQ Standard 16th November 2009.



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Ref. No. : 3051/05/2021-22

Date : 31/05/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	---	Nr. DM Plant	Nr.TG House	Nr. Switch Yard
02.	Date of sampling	---	10/05/2021	10/05/2021	10/05/2021
03.	Time of sampling	Hr.	9 20	9.30	9.40
04.	Duration of sampling	Hrs	24.00	24.00	24.00
05.	Dominant Wind Direction (From)	---	NW	NE	NW
06.	Average Wind Speed	Km/Hr.	2 to 13	2 to 13	2 to 13
07.	Average flow rate during sampling	m ³ /min.	1 20	1.20	1.10
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0 2
09.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60
10.	Measured Concentration of P.M.2.5	µg/m ³	31	35	36
11.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100
12.	Measured Concentration of PM.10	µg/m ³	58	54	53
13.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80
14.	Measured Concentration of SO ₂	µg/m ³	14.2	16.3	17.5
15.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80
16.	Measured Concentration of NO ₂	µg/m ³	22.3	20.6	23.7

Instrument Used: 1) Ecotech make RDS APM - 217BL & Gaseous Sampler AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

*Permissible Limits are as per NAAQ Standard 16th November 2009

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Ref. No. : 4051/06/2021-22

Date : 30/06/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Weispun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Weispun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

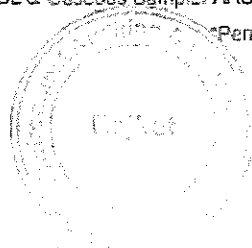
Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	----	Nr. DM Plant	Nr.TG House	Nr. Switch Yard
02.	Date of sampling	---	08/06/2021	08/06/2021	08/06/2021
03.	Time of sampling	Hr.	9.30	9.40	9.50
04.	Duration of sampling	Hrs	24 00	24 00	24 00
05.	Dominant Wind Direction (From)		SW	SE	SW
06.	Average Wind Speed	Km/Hr.	3 to 13	3 to 13	3 to 13
07.	Average flow rate during sampling	m ³ /min.	1.10	1.10	1.20
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0.2
09.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60
10.	Measured Concentration of P.M.2.5	µg/m ³	32	37	34
11.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100
12.	Measured Concentration of PM.10	µg/m ³	56	52	51
13.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80
14.	Measured Concentration of SO ₂	µg/m ³	12.4	13.6	15.7
15.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80
16.	Measured Concentration of NO ₂	µg/m ³	20.1	21.1	22.6

Instrument Used: 1) Ecotech make RDS,APM - 217BL & Gaseous Sampler AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On. : 15/06/2020

*Permissible Limits are as per NAAQ Standard 16th November 2009.



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Ref. No. : 5051/07/2021-22

Date : 31/07/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	---	Nr. DM Plant	Nr. TG House	Nr. Switch Yard
02.	Date of sampling	---	05/07/2021	05/07/2021	05/07/2021
03.	Time of sampling	Hr.	9.00	9.10	9.20
04.	Duration of sampling	Hrs.	24.00	24.00	24.00
05.	Dominant Wind Direction (From)	---	SE	SW	SE
06.	Average Wind Speed	Km/Hr.	2 to 15	2 to 15	2 to 15
07.	Average flow rate during sampling	m ³ /min.	1.20	1.20	1.10
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0.2
09.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60
10.	Measured Concentration of P.M.2.5	µg/m ³	34	31	38
11.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100
12.	Measured Concentration of PM ₁₀	µg/m ³	51	56	54
13.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80
14.	Measured Concentration of SO ₂	µg/m ³	12.1	13	15.4
15.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80
16.	Measured Concentration of NO ₂	µg/m ³	21.7	20.4	23.2

Instrument Used: 1) Ecotech make RDS,APM - 217BL & Gaseous Sampler AAS 109, PM 2.5 Sampler AAS 127

Calibration Done On. : 15/06/2020

Permissible Limits are as per NAAQ Standard 16th November 2000



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Ref. No. : 6051/08/2021-22

Date : 26/08/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	---	Nr. DM Plant	Nr.TG House	Nr. Switch Yard
02.	Date of sampling	---	14/08/2021	14/08/2021	14/08/2021
03.	Time of sampling	Hr.	8.30	8.45	8.55
04.	Duration of sampling	Hrs.	24.00	24.00	24.00
05.	Dominant Wind Direction (From)	---	SW	SW	SW
06.	Average Wind Speed	Km/Hr.	3 to 13	3 to 13	3 to 13
07.	Average flow rate during sampling	m ³ /min.	1.10	1.10	1.20
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0.2
09.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60
10.	Measured Concentration of P.M.2.5	µg/m ³	36	34	31
11.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100
12.	Measured Concentration of PM ₁₀	µg/m ³	57	53	51
13.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80
14.	Measured Concentration of SO ₂	µg/m ³	11.9	13.7	15.2
15.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80
16.	Measured Concentration of NO ₂	µg/m ³	24.1	23.6	20.7

Instrument Used 1) Ecotech make RDS,APM - 217BL & Gaseous Sampler AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On: 13/06/2020

*Permissible Limits are as per NAAQ Standard 16th November 2009.

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Ref. No. : 7051/09/2021-22

Date : 30/09/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P B. No 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch

Sample Collected By : Royal Environment

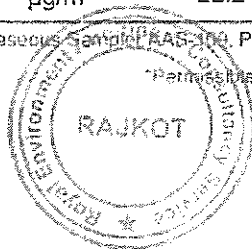
Test Method : As per IS Standards - 5182_2/4/6

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2	Location No. 3
01.	Location of Sampling	---	Nr. DM Plant	Nr. IG House	Nr. Switch Yard
02.	Date of sampling		15/09/2021	15/09/2021	15/09/2021
03.	Time of sampling	Hr.	0.00	0.15	0.30
04.	Duration of sampling	Hrs	24.00	24.00	24.00
05.	Dominant Wind Direction (From)	---	SE	SE	SE
06.	Average Wind Speed	Km/Hr.	4 to 14	4 to 14	4 to 14
07.	Average flow rate during sampling	m ³ /min	1.20	1.20	1.10
08.	Average flow rate for Gas sampling	LPM	0.2	0.2	0.2
09.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60
10.	Measured Concentration of P.M 2.5	µg/m ³	30	29	35
11.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100
12.	Measured Concentration of PM 10	µg/m ³	52	49	46
13.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80
14.	Measured Concentration of SO ₂	µg/m ³	12.4	14.5	16.7
15.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80
16.	Measured Concentration of NO ₂	µg/m ³	22.2	21.7	23.8

Instrument Used: 1) Ecotech make RDS-APM - 217RL & Gaseous Sampler AAS-100, PM 2.5 Sampler AAS 127

Calibration Done On: 15/06/2020

*Permissible Limits are as per NAAQ Standard 16th November 2009



Signature

Ashish

ANNEXURE-05

Environmental Monitoring Analysis Reports

C. National Ambient Air Quality Monitoring (NAQM)



Royal

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Ref. No. :2065/04/2020-21

Date: 30/04/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : APRIL - 2021

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCGPL) Survey No :671&572
Welspun City, P. B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch

Sample Collected By : Royal Environment

S. No.	Particulars	Unit	Location No.- 1: Nr. Security Gate (Welspun Steel)							
			01		02		03		04	
02	Date & Time Starting of Monitoring	---	05/04/21 09.30	06/04/21 09.40	12/04/21 08.20	13/04/21 08.30	19/04/21 08.40	20/04/21 08.50	26/04/21 09.35	27/04/21 09.45
03	Date & Time - Ending of Monitoring	---	06/04/21 09.30	07/04/21 09.40	13/04/21 08.20	14/04/21 08.30	20/04/21 08.40	21/04/21 08.50	27/04/21 09.35	28/04/21 09.45
04	Duration of Sampling	Min	1440	1440	1440	1440	1440	1440	1440	1440
05	Dominant Wind Direction (From)	---	NE	NW	NE	NW	NW	NW	NE	NE
06	Wind Speed (km/hr)	km/hr	1 to 10	1 to 12	1 to 10	1 to 11	1 to 11	1 to 11	1 to 11	1 to 10
07	Average Flow Rate For PM _{2.5}	m ³ /Hr.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
08	Average Flow Rate For PM ₁₀	m ³ /Min	1.20	1.20	1.10	1.20	1.10	1.10	1.10	1.20
09	Average Flow Rate for Gaseous	LPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60
11	Measured Concentration of PM _{2.5}	µg/m ³	31	33	34	35	38	36	35	37
12	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100
13	Measured Concentration of PM ₁₀	µg/m ³	54	52	56	55	51	53	58	53
14	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
15	Measured Concentration of SO ₂	µg/m ³	13.5	11.2	15.4	11.4	15.3	13.2	12.6	13.5
16	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
17	Measured Concentration of NO ₂	µg/m ³	22.4	21.1	23.1	20.8	23.7	18.4	21.3	21.8

Instrument Used: 1) Ecotech make RDS, Model No : APM - 2178L & Gaseous Pollutants Sampler Model No. AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

Royal Environment Auditing & Consultancy Service, Rajkot

Analyst



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Ref No. :3065/05/2021-22

Date: 31/05/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : MAY - 2021

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCGPL) Survey No :6718672
Welspun City, P B No 21, Village: Varasamedl,
Taluka: Anjar, District Kutch

Sample Collected By : Royal Environment

S No	Particulars	Unit	Location No.- 1: Nr. Security Gate (Welspun Steel)							
			01		02		03		04	
01.	No. of Week	—	01		02		03		04	
02	Date & Time Starting of Monitoring	—	03/05/21 08.10	04/05/21 08.20	10/05/21 09.15	11/05/21 09.25	17/05/21 09.00	18/05/21 09.10	24/05/21 09.15	25/05/21 09.25
03	Date & Time - Ending of Monitoring	—	04/05/21 08.10	05/05/21 08.20	11/05/21 09.15	12/05/21 09.25	18/05/21 09.00	19/05/21 09.10	25/05/21 09.15	26/05/21 09.25
04	Duration of Sampling	M-n.	1440	1440	1440	1440	1440	1440	1440	1440
05.	Dominant Wind Direction (From)	—	NE	NE	NW	NE	NE	NE	NW	NW
06	Wind Speed Velocity	Km/Hr.	2 to 10	3 to 12	2 to 10	1 to 1	4 to 11	3 to 15	5 to 11	3 to 10
07.	Average Flow Rate For PM _{2.5}	m ³ /Hr	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
08	Average Flow Rate For PM ₁₀	m ³ /Min	1.10	1.10	1.20	1.10	1.20	1.20	1.20	1.10
09	Average Flow Rate for Gaseous	LPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60
11	Measured Concentration of PM _{2.5}	µg/m ³	32	38	30	36	39	33	35	40
12.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100
13.	Measured Concentration of PM ₁₀	µg/m ³	51	55	53	52	54	50	53	52
14.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
15.	Measured Concentration of SO ₂	µg/m ³	14.1	13.1	14.5	12.6	13.5	12.4	16.2	14.3
16.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
17	Measured Concentration of NO ₂	µg/m ³	21.2	22.3	23.2	24.3	23.5	18.6	18.3	20.2

Instrument Used: 1) Ecotech make RDS, Model No : APM - 217BL & Gaseous Pollutants Sampler Model No. AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

Royal Environment Auditing & Consultancy Service, Rajkot

Jagdi
Analyst



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Ref. No :4065/06/2021-22

Date: 30/06/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : JUNE - 2021

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCGPL) Survey No :671&672
Welspun City, P.B No 21, Village: Varasamedl,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

S. No.	Particulars	Unit	Location No.- 1: Nr. Security Gate (Welspun Steel)									
01.	No. of Week	—	01	02	03	04	05	06	07	08	09	10
02	Date & Time Starting of Monitoring	—	01/06/21 09.20	02/06/21 09.30	07/06/21 08.30	08/06/21 08.40	14/06/21 08.45	15/06/21 08.55	21/06/21 09.30	22/06/21 09.40	28/06/21 08.40	29/06/21 08.50
03	Date & Time Ending of Monitoring	—	02/06/21 09.20	03/06/21 09.30	08/06/21 08.30	09/06/21 08.40	15/06/21 08.45	16/06/21 08.55	22/06/21 09.30	23/06/21 09.40	29/06/21 08.40	30/06/21 08.50
04.	Duration of Sampling	Min	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
05	Dominant Wind Direction (From)	—	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
06.	Wind Speed Velocity	Km/Hr	1 to 10	2 to 12	3 to 10	2 to 11	3 to 11	2 to 15	3 to 13	4 to 10	6 to 11	2 to 10
07	Average Flow Rate For PM _{2.5}	m ³ /Hr	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
08.	Average Flow Rate For PM ₁₀	m ³ /Hr	1.20	1.20	1.10	1.20	1.10	1.10	1.10	1.20	1.10	1.20
09.	Average Flow Rate for Gaseous	LPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60	60	60
11	Measured Concentration of PM _{2.5}	µg/m ³	36	34	32	38	41	28	22	34	37	42
	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100	100	100
13	Measured Concentration of PM ₁₀	µg/m ³	53	57	55	57	52	40	42	54	51	50
14.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
15.	Measured Concentration of SO ₂	µg/m ³	15.2	14.3	15.4	13.4	12.6	10.1	8.8	11.5	12.8	13.5
16.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
17.	Measured Concentration of NO ₂	µg/m ³	20.3	21.1	24.1	23.4	25.3	15.1	14.6	13.2	17.1	21.3

Instrument Used: 1) Ecotech make RDS, Model No : APM - 217BL & Gaseous Pollutants Sampler Model No. AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

Royal Environment Auditing & Consultancy Service, Rajkot

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Ref. No :4065/06/2021-22

Date: 30/06/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : JUNE - 2021

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCGPL) Survey No :671&672
Welspun City, P.B No 21, Village. Varasamed, Taluka. Anjar, District: Kutch.

Sample Collected By : Royal Environment

S. No.	Particulars	Unit	Location No.- 1: Nr. Security Gate (Welspun Steel)									
			01		02		03		04		05	
01.	No. of Week	---	01		02		03		04		05	
02.	Date & Time Starting of Monitoring	---	01/06/21 09.20	02/06/21 09.30	07/06/21 08.30	08/06/21 08.40	14/06/21 08.45	15/06/21 08.55	21/06/21 09.30	22/06/21 09.40	28/06/21 08.40	29/06/21 08.50
03.	Date & Time Ending of Monitoring	---	02/06/21 09.20	03/06/21 09.30	08/06/21 08.30	09/06/21 08.40	15/06/21 08.45	16/06/21 08.55	22/06/21 09.30	23/06/21 09.40	29/06/21 08.40	30/06/21 08.50
04.	Duration of Sampling	M.in	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
05.	Dominant Wind Direction (From)	---	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
06.	Wind Speed Velocity	Km/Hr	1 to 10	2 to 12	3 to 10	2 to 11	3 to 11	2 to 15	3 to 13	4 to 10	6 to 11	2 to 10
07.	Average Flow Rate For PM _{2.5}	m ³ /Hr	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
08.	Average Flow Rate For PM ₁₀	m ³ /min	1.20	1.20	1.10	1.20	1.10	1.10	1.10	1.20	1.10	1.20
09.	Average Flow Rate for Gaseous	LPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60	60	60
11.	Measured Concentration of PM _{2.5}	µg/m ³	36	34	32	38	41	28	22	34	37	42
12.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100	100	100
	Measured Concentration of PM ₁₀	µg/m ³	53	57	55	57	52	40	42	54	51	50
14.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
15.	Measured Concentration of SO ₂	µg/m ³	15.2	14.3	15.4	13.4	12.6	10.1	8.8	11.5	12.6	13.5
16.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
17.	Measured Concentration of NO ₂	µg/m ³	20.3	21.1	24.1	23.4	25.3	15.1	14.6	13.2	17.1	21.3

Instrument Used: 1) Ecotech make RDS, Model No : APM - 217BL & Gaseous Pollutants Sampler Model No AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/05/2020

Royal Environment Auditing & Consultancy Service, Rajkot

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Ref. No. :6065/08/2021-22

Date: 31/08/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : AUGUST - 2021

Name of company : Weispun Captive Power Generation Limited,

60 MW Power Plant(WCGPL) Survey No. :6718672

Weispun City, P.B. No. 21, Village: Varasamedi,

Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

S. No	Particulars	Unit	Location No.- 1: Nr. Security Gate (Weispun Steel)							
			01	02	03	04	05	06	07	08
01.	No. of Week	---	01	02	03	04	05	06	07	08
02.	Date & Time Starting of Monitoring	--	02/08/21 08.15	03/08/21 08.25	09/08/21 08.30	10/08/21 08.40	16/08/21 08.10	17/08/21 08.20	23/08/21 08.20	24/08/21 08.30
03.	Date & Time - Ending of Monitoring	--	03/08/21 08.15	04/08/21 08.25	10/08/21 08.30	11/08/21 08.40	17/08/21 08.10	18/08/21 08.20	24/08/21 08.20	25/08/21 08.30
04.	Duration of Sampling	Min.	1440	1440	1440	1440	1440	1440	1440	1440
05.	Dominant Wind Direction (From)	---	SE	SE	SE	SE	SE	SE	SE	SE
06.	Wind Speed Velocity	Km/Hr.	1 to 13	3 to 14	2 to 15	1 to 11	3 to 16	4 to 15	4 to 16	4 to 15
07.	Average Flow Rate For PM _{2.5}	m ³ /Hr.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
08.	Average Flow Rate For PM ₁₀	m ³ /Min.	1.20	1.20	1.10	1.20	1.10	1.10	1.10	1.20
09.	Average Flow Rate for Gaseous	LPM	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60
11.	Measured Concentration of PM _{2.5}	µg/m ³	39	35	32	33	36	32	34	38
12.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100
13.	Measured Concentration of PM ₁₀	µg/m ³	52	51	49	47	53	52	45	49
14.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
15.	Measured Concentration of SO ₂	µg/m ³	11.2	13.7	12.5	10.6	13.2	11.9	11.6	12.4
16.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80
17.	Measured Concentration of NO ₂	µg/m ³	13.7	13.6	15.9	12.9	17.3	15.2	16.7	13.4

Instrument Used. 1) Ecotech make RDS, Model No : APM - 217BL & Gaseous Pollutants Sampler Model No. AAS-109, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020



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Ref No : 7065/09/2021-22

Date: 30/09/2021

DETAILED RESULTS OF NATIONAL AMBIENT AIR QUALITY MONITORING OF THE MONTH : SEPTEMBER - 2021

Name of company Welspun Captive Power Generation Limited.

80 MW Power Plant(WCGPL) Survey No 6718672

Welspun City, P.E. No 21, Village: Varasamedi,

Taluka Anjar, District Kutch

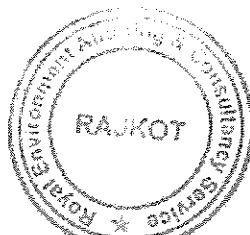
Sample Collected By : Royal Environment

No.	Particulars	Unit	Location No.- 1: Nr. Security Gate (Welspun Steel)									
			01		02		03		04		05	
01	No. of Week	—	01		02		03		04		05	
02	Date & Time Starting of Monitoring		01/09/21 09 15	02/09/21 09 25	06/09/21 09 30	07/09/21 09 40	13/09/21 00 10	14/09/21 09 20	20/09/21 08 30	21/09/21 08 40	27/09/21 00 20	28/09/21 00 30
03	Date & Time - Ending of Monitoring		02/09/21 09 15	03/09/21 09 25	07/09/21 09 30	08/09/21 09 40	14/09/21 09 10	15/09/21 09 20	21/09/21 08 30	22/09/21 08 40	28/09/21 09 20	29/09/21 09 30
04	Duration of Sampling	Min	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
05	Dominant Wind Direction (From)	—	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
06	Wind Speed Velocity	Km/Hr	3 to 12	4 to 15	3 to 14	2 to 12	4 to 15	3 to 16	4 to 13	1 to 12	5 to 14	5 to 17
07	Average Flow Rate For PM _{2.5}	m ³ /Hr.	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0
08	Average Flow Rate For PM ₁₀	m ³ /Min	1 10	1 20	1 20	1 10	1 20	1 10	1 20	1 10	1 10	1 20
09	Average Flow Rate for Gaseous	LPM	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
10.	Permissible Limits of PM _{2.5} *	µg/m ³	60	60	60	60	60	60	60	60	60	60
11	Measured Concentration of PM _{2.5}	µg/m ³	42	41	37	38	40	38	41	34	39	43
12.	Permissible Limits of PM ₁₀ *	µg/m ³	100	100	100	100	100	100	100	100	100	100
13	Measured Concentration of PM ₁₀	µg/m ³	57	46	54	52	58	48	51	56	50	52
14.	Permissible Limits of SO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
15.	Measured Concentration of SO ₂	µg/m ³	12.5	11.4	10.5	12.7	14.8	13.5	16.1	15.4	13.8	10.3
16.	Permissible Limits of NO ₂ *	µg/m ³	80	80	80	80	80	80	80	80	80	80
17	Measured Concentration of NO ₂	µg/m ³	14.5	12.2	17.5	10.4	18.6	14.2	13.7	15.6	17.8	12.0

Instrument Used: 1) Ecotech make RDS, Model No : APM - 217BL & Gaseous Pollutants Sampler Model No AAS-103, PM 2.5 Sampler AAS 127

Calibration Done On : 15/06/2020

Royal Environment Auditing & Consultancy Service, Rajkot



Ashish
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ANNEXURE-05

Environmental Monitoring Analysis Reports

D. Noise Monitoring



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Ref. No. :2057/04/2020-21

Date : 30/04/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Date of Sampling : 14/04/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)		
		Day Time		Night Time
	Time of Sampling	6.00 AM	10.00 PM	10.00 PM - 6.00 AM
	Permissible Limits		75.0	70.0
01.	Nr. ACC Fan		72.3	55.6
02.	Nr. CHP Plant		66.2	53.4
03.	Nr. Compressor House		71.3	51.3
04.	Nr.DM Plant		71.8	56.2

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

Royal Environment Auditing & Consultancy Service

Analyst



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Ref. No. :3057/05/2021-22

Date : 31/05/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Date of Sampling : 10/05/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)			
		Day Time		Night Time	
	Time of Sampling	6.00 AM	10.00 PM	10.00 PM	6.00 AM
	Permissible Limits		75.0		70.0
01.	Nr. ACC Fan		71.2		56.5
02.	Nr. CHP Plant		65.3		54.2
03.	Nr Compressor House		70.2		53.2
04.	Nr.DM Plant		70.7		55.1

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph.: +91 281 2360695 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :4057/06/2021-22

Date : 30/06/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

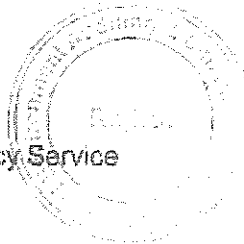
Date of Sampling : 08/06/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 6.00 AM - 10.00 PM	Night Time 10.00 PM - 6.00 AM
	Time of Sampling		
	Permissible Limits	75.0	70.0
01.	Nr. ACC Fan	72.1	55.6
02.	Nr. CHP Plant	66.2	52.4
03.	Nr. Compressor House	71.3	52.8
04.	Nr.DM Plant	71.6	54.2

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

Royal Environment Auditing & Consultancy Service



Jugolish

Analyst



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph: +91 201 2360695 ■ E-mail : royalenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :5057/07/2021-22

Date : 31/07/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Date of Sampling : 05/07/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 6.00 AM - 10.00 PM	Night Time 10.00 PM - 6.00 AM
	Time of Sampling		
	Permissible Limits	75.0	70.0
01.	Nr. ACC Fan	73.2	54.3
02.	Nr. CHP Plant	62.4	50.5
03.	Nr. Compressor House	70.6	51.4
04.	Nr.DM Plant	72.3	55.6

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

Royal Environment Auditing & Consultancy Service

Ashish
Analyst



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph.: +91 281 2360695 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :6057/08/2021-22

Date : 26/08/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,

80 MW Power Plant(WCPGL), Survey No. : 671 & 672

Welspun City, P.B. No. 21, Village: Varasamedii,

Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

Date of Sampling : 14/08/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 6.00 AM - 10.00 PM	Night Time 10.00 PM - 6.00 AM
	Time of Sampling		
	Permissible Limits	75.0	70.0
01.	Nr. ACC Fan	70.7	52.9
02.	Nr. CHP Plant	67.8	53.1
03.	Nr. Compressor House	73.4	52.9
04.	Nr. DM Plant	71.6	56.7

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

Royal Environment Auditing & Consultancy Service

Ashish
Analyst



Royal

Environment Auditing & Consultancy Service

303-304, Shivalk-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph.: +91 201 2360695 ■ E-mail : royalservice@live.com ■ admin@royalconsultancy.com

Ref. No. :7057/09/2021-22

Date : 30/09/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Welspun Captive Power Generation Limited,
80 MW Power Plant(WCPGL), Survey No. : 671 & 672
Welspun City, P.B. No. 21, Village: Varasamedi,
Taluka: Anjar, District: Kutch.

Sample Collected By : Royal Environment

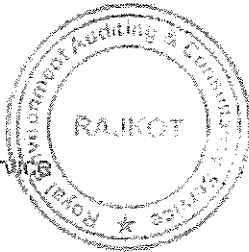
Date of Sampling : 21/09/2021

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
		Day Time 6.00 AM - 10.00 PM	Night Time 10.00 PM - 6.00 AM
	Time of Sampling		
	Permissible Limits	75.0	70.0
01.	Nr. ACC Fan	68.1	53.6
02.	Nr. CHP Plant	69.5	51.4
03.	Nr. Compressor House	71.8	54.0
04.	Nr.DM Plant	73.6	58.8

Instruments used : Sound level meter, model : SL- 4030 (Lutron Make)

Calibration done on: 12/09/2020

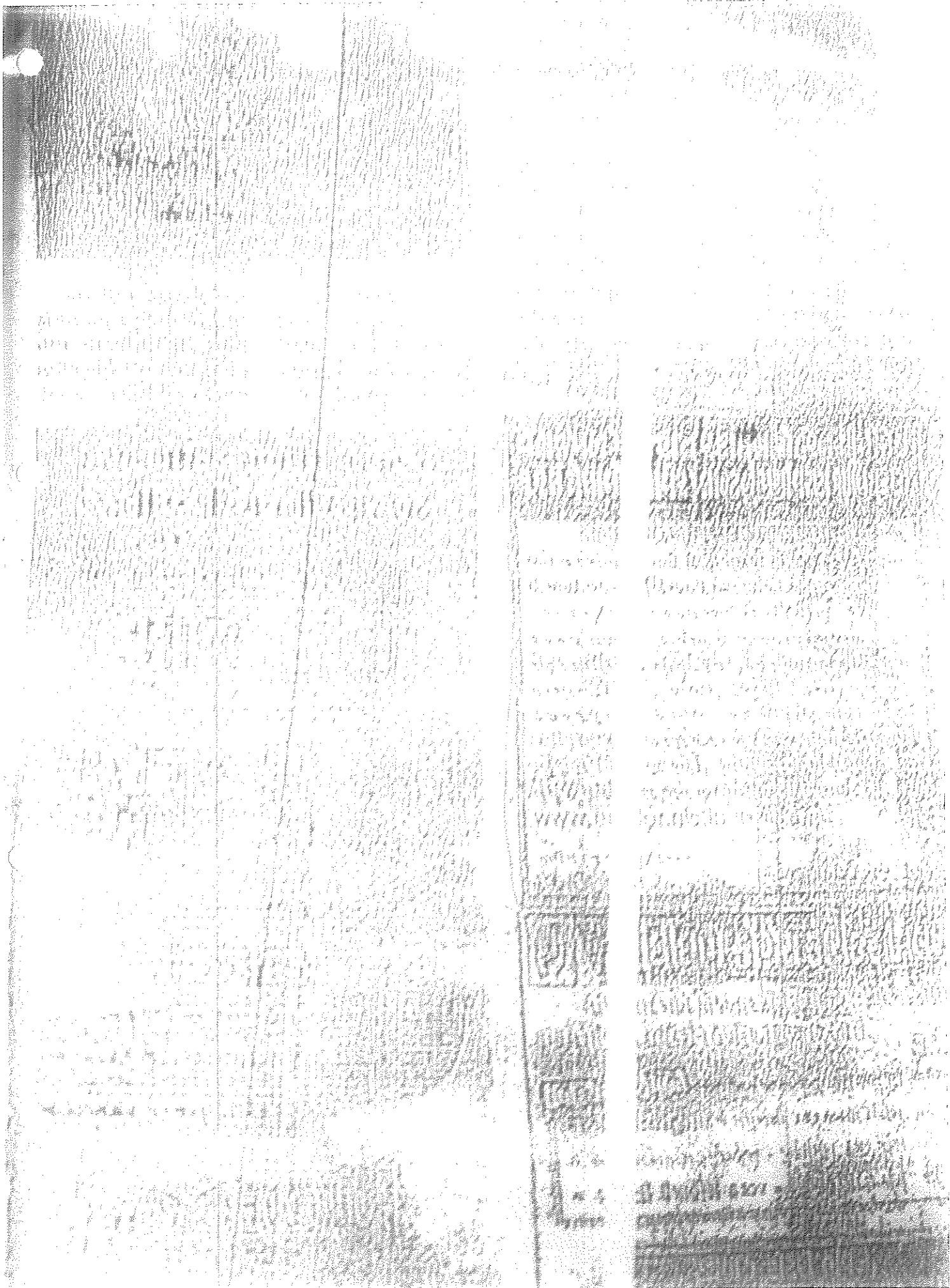
Royal Environment Auditing & Consultancy Service



Ashish
Analyst

ANNEXURE-06

Copy of Advertisement in Local News Paper



Ministry of Environment and
Natural Resources
of the Government of Ontario
Captive Breeding Program
Annual Report
2000
dated 1st September 2000
Letter of Approval with
Board of Directors
of the Ministry of Environment
and Natural Resources

Ministry of Environment
and Natural Resources
of the Government of Ontario
Captive Breeding Program
Annual Report
2000
dated 1st September 2000
Letter of Approval with
Board of Directors
of the Ministry of Environment
and Natural Resources

BC/A

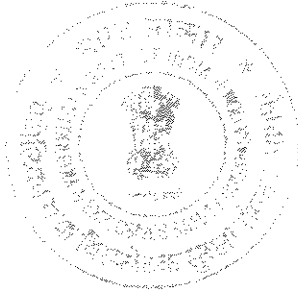
Protocol

MIN RE 1103 11

11/11/00

ANNEXURE-07

LDO Storage approval



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
(Formerly known as Department of Explosives)
5th floor, A-block, CGO Complex, Seminary Hills,
Nagpur (M.S.) 440006

Only Approval (No Licence)

Fee: Rs. 500 - Approval for permission

No. : A/P/HC/GJ/15/4952 (P150026)

Email : explosives@explosives.gov.in

Phone/Fax No : 2510248/2510577

Date : 22/5/2006

To

M/s. Welspun Gujarat Stahl Rohren Ltd.,
Welspun City, Sy. No. 659,
Village Versamedi, Tal. Anjar,
Kutch,
KUTCH, Gujarat. Pin Code : 370110.

23 JUN 2006

Sub : Storage of Furnace Oil/L.D.O. (Petroleum Class 'C').

Dear Sirs,

Please refer to your letter No. Nil dated 24/5/2006.

Your intimation under Rule 140 of Petroleum Rules 2002 regarding storage of 25 KL of Furnace Oil/L.D.O. in your factory premises at Welspun City, Sy.No. 659, Village Versamedi, Tal. Anjar, KUTCH, Gujarat is noted and a copy of drawing bearing this office stamp is enclosed. Please note that you will have to take out a Licence if storage of Furnace Oil/L.D.O. exceeds 45 KL at any one time. This provisions of Chapter VI of Petroleum Rules, 2002 as applicable to your installation should be strictly observed.

Yours Faithfully,

(Ajai Nigam)
Joint Chief Controller of Explosives
for Chief Controller of Explosives

Copy together with a copy of the approved drawings is forwarded to :-

- 1). The Jt. Chief Controller of Explosives, West Circle, Mumbai.
- 2). The Dy. Chief Controller of Explosives, Baroda Sub Circle Office, Baroda.

for Chief Controller of Explosives

(For more information regarding status, fees and other details please visit our website <http://explosives.nic.in>)

C) Fly Ash Detail 2020-21

<u>Fly Ash Detail</u>				
Sr. No.	Month	Total Generation Fly Ash (MT)	Supplied to Other Industries (MT)	Used for Brick Manufacturing and Land Filling (MT)
1	April-21	2494.35	0	2494.35
2.	May-21	2578.55	0	2578.55
3.	June-21	3284.78	0	3284.78
4.	July-21	1574.1	0	1574.1
5	Aug-21	1484.75	0	1484.75
6	Sept-21	1788.7	0	1788.7
7				
8				
9				
10				
11				
12				
Total		13205.23	0	11631.13

Date: 22.12.2021

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector 10A,
Gandhinagar – 382010
Gujarat.

Sub: Return for Bulk Consumers of Batteries (Period April'21 to Sept'21) PCB ID 38912

Ref : Batteries (Management & Handling) Amendment Rules, 2010

Dear Sir,

Please find Enclosed the Form – VIII (Return for Bulk Consumers of Batteries) duly filled-in, for the **Period April'21 to Sept'21**, as per the requirement of Batteries (Management & Handling) Amendment Rules, 2010.

Thanking you and assuring you our best attention all times.

Yours faithfully,

For, Welspun Captive Power Generation Ltd.


Authorized Signature

Encl: Form – VIII



Copy to: Gujarat Pollution Control Board Regional office.
Room No 213 to 215
Kandla Port Trust
Gandhidham – Kutch. 370201.

FORM – VIII

[See rule 10 (2) (ii)]

FORM FOR FILING RETURNS FOR BULK CONSUMERS OF BATTERIES

[To be submitted by the bulk consumer to the Sate Board by 30th June (for the period October-March) and 31st December (for the period April-September) every year]

1.	Name and address of the bulk consumer	Welspun Captive Power Generation Ltd. Village : Versamedi Taluka : Anjar (Kutch) Gujarat – 370110
2.	Name of the Authorized person and full address with telephone and fax number	Mr. Rajendrasinh Jadeja Welspun Captive Power Generation Ltd. PCB ID : 38912 Village : Versamedi, Taluka : Anjar (Kutch) Gujarat – 370110 Tele : +91-2836-661721
3.	Number of new batteries of different categories purchased from the manufacturer / importer / dealer or any other agency during April-21 to Sept-21 . Category : (i) Automotive a) four wheeler b) two wheeler (ii) Industrial a) UPS b) Motive Power c) Stand-by (iii)Others	(i) Automotive : NiL (ii) Industrial : NiL (iii) NiL
4.	Number or used batteries of categories mentioned in Sl. No. 3 and Tonnage of scrap sent to manufacturer / dealer / importer / registered recycler / or any other agency to whom the used batteries scrap was sent	Nos. of Used Batteries : 00 unit, Total Wt : 00 kg Sent to: - NiL

Place: Anjar – Kutch.

Signature of the Authorized Person

Date: 22:12.2021



(Rajendrasinh Jadeja)

*Shahid
Tansar*

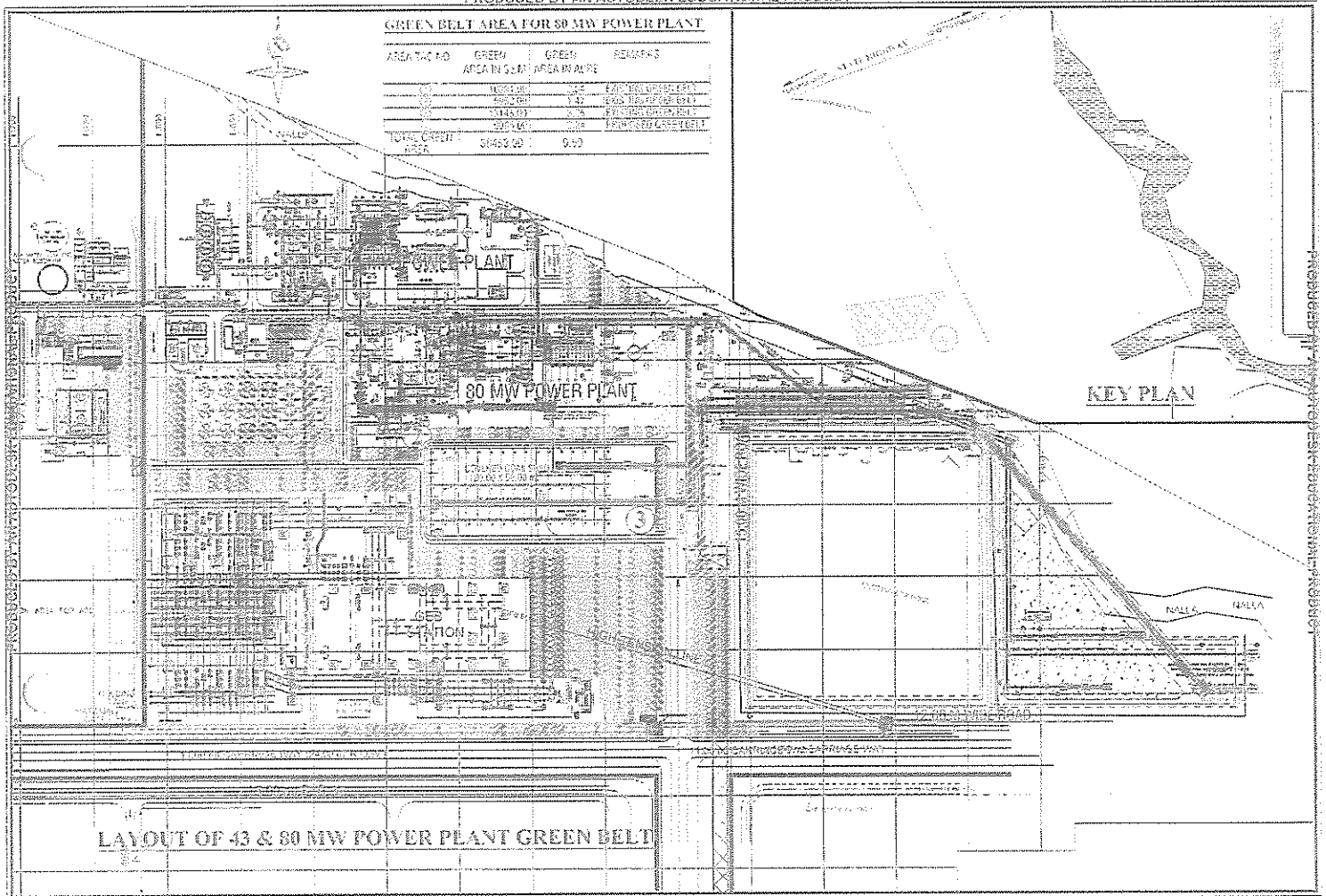
ANNEXURE-09

Layout of Plant with Green Belt

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

GREEN BELT AREA FOR 80 MW POWER PLANT

AREA TAG NO	GREEN AREA IN SQ.M	GREEN AREA IN ALPHE	REMARKS
W00100	1.22	0.00	EXISTING BUILDING
W00200	1.32	0.00	EXISTING BUILDING
W00300	0.75	0.00	EXISTING BUILDING
W00400	0.75	0.00	EXISTING BUILDING
TOTAL GREEN AREA	4.04	0.00	



LAYOUT OF 43 & 80 MW POWER PLANT GREEN BELT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT